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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 13802-102

First Inventor Glen E. Thurber

Title GRAPHITE ARROW AND METHOD OF MANUFACTURE

Express Mail Label No. EL783575812US

10/23/01 S. PTO
09/771822

01/29/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 15]
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or drawing included in the application appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C.113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 2]
- a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for a continuation/divisional with Box 18 completed)
- i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.39(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202317. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

- 9. Assignment Papers (cover sheet & document(s))
- 10. 37 C.F.R. §3.73(b) Statement Power of
(when there is an assignee) Attorney
- 11. English Translation Document (if applicable)
- 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16. Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
- 17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP)

Prior application information:

Examiner J. Ricci

of prior application No. 09 / 227,138

Group / Art Unit: 3712

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label _____ or Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Gerald E. Helget Rider, Bennett, Egan & Arundel				
Address	333 South Seventh Street, Suite 2000				
City	Minneapolis	State	MN	Zip Code	55402
Country	USA	Telephone	612-340-8933		Fax 612-340-7900
Name (Print/Type)	Gerald E. Helget		Registration No. (Attorney/Agent)	30,948	
Signature			Date	January 29, 2001	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 355

Complete if Known					
Application Number					
Filing Date		January 29, 2001			
First Named Inventor		Glen E. Thurber			
Examiner Name					
Group / Art Unit					
Attorney Docket No 13802-102					
METHOD OF PAYMENT (check one)					
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to my account.					
Deposit Account Number		50-1188			
Deposit Account Name		Rider, Bennett, Egan & Arundel			
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					
2. <input checked="" type="checkbox"/> Payment Enclosed:					
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other					
FEE CALCULATION (continued)					
3. ADDITIONAL FEES					
Large Entity Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	360	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	211	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0					

SUBMITTED BY

Complete if applicable

Name (Print/Type)	Gerald E. Helget	Registration No. Attorney/Agent	30,948	Telephone	612-340-8933
Signature					

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re. Appln.: Glen E. Thurber
Serial No.: Not yet assigned
Filed: January 29, 2001
For: GRAPHITE ARROW AND METHOD OF MANUFACTURE
Attorney: Gerald E. Helget
Attorney
Docket No.: 13802-102
Additional Fees: Charge to Deposit Account 50-1188

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

TRANSMITTAL COVER LETTER

Enclosed for filing, please find the following:

1. Utility Patent Application Transmittal (1 pg.);
2. Fee Transmittal for FY 2001 (1 pg.);
3. Specification, claims and abstract (15 pgs.);
4. Three (3) sheets of drawings;
5. Declaration for Utility or Design Patent Application (2 pgs.);
6. Check in the amount of \$355.00; and
7. Postcard receipt.

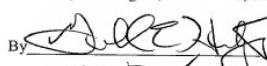
Respectfully submitted,

Dated: 29 Jan 01

By 
Gerald E. Helget (Reg. No. 30,948)
RIDER BENNETT EGAN & ARUNDEL
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Minneapolis, MN 55402
Telephone: (612) 340-8933

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this document, and the documents identified above, are being deposited with the United States Postal Service as Express Mail, Receipt No. EL783575812US in an envelope addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

By 
Date 29 Jan 01